

## CLAIMS

What is claimed as new and desired to be protected by Letters Patent of the United States is:

1. A method of osteochondral repair, comprising the steps of:  
creating a recipient socket in bone;  
selecting an implant from a plurality of preformed implants,  
each implant having an articular surface formed on at least  
one end; and  
inserting the implant into the recipient socket.
2. The method of claim 1, wherein the implant is formed of hydrogel.
3. The method of claim 2, wherein the hydrogel implant is secured into the recipient socket by disposing a suture net around the implant.
4. The method of claim 2, wherein the hydrogel implant is provided with a perforated surface to secure the implant in the recipient socket.
5. The method of claim 1, wherein the implant is formed of metal.
6. The method of claim 1, wherein the step of inserting the implant comprises loading the implant into a delivery tube and delivering the implant by hand into the recipient socket.

7. An osteochondral implant comprising a cylindrical plug having opposing ends, each end being provided with an articular surface, each articular surface having a different contour from the other.
8. A set of osteochondral implants comprising a plurality of cylindrically shaped plugs, each plug having opposing ends provided with an articular surface, each articular surface having a different contour from the other.
9. A set of osteochondral implants comprising at least two synthetic hydrogel implants, each implant having a different diameter.
10. A method of manufacturing an osteochondral implant comprising the steps of forming a cylindrical plug and establishing an articular surface on at least one end of the cylindrical plug.
11. The method of claim 10, wherein the implant has two articular surfaces, each articular surface having a different contour.
12. The method of claim 10, wherein the implant is formed of a synthetic material.
13. The method of claim 12, wherein the synthetic material is a hydrogel.
14. The method of claim 13, wherein the hydrogel is Salubria™.